

FIG.1

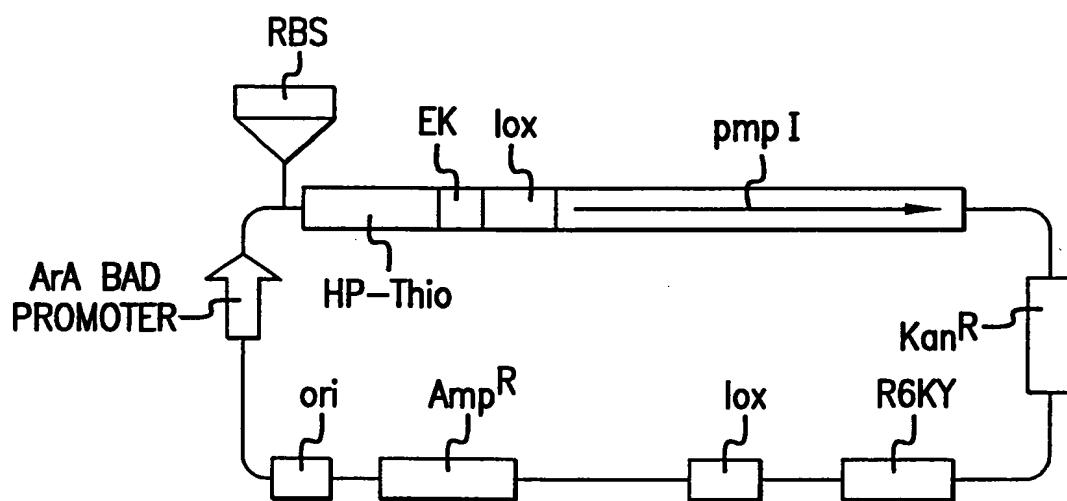


FIG.2

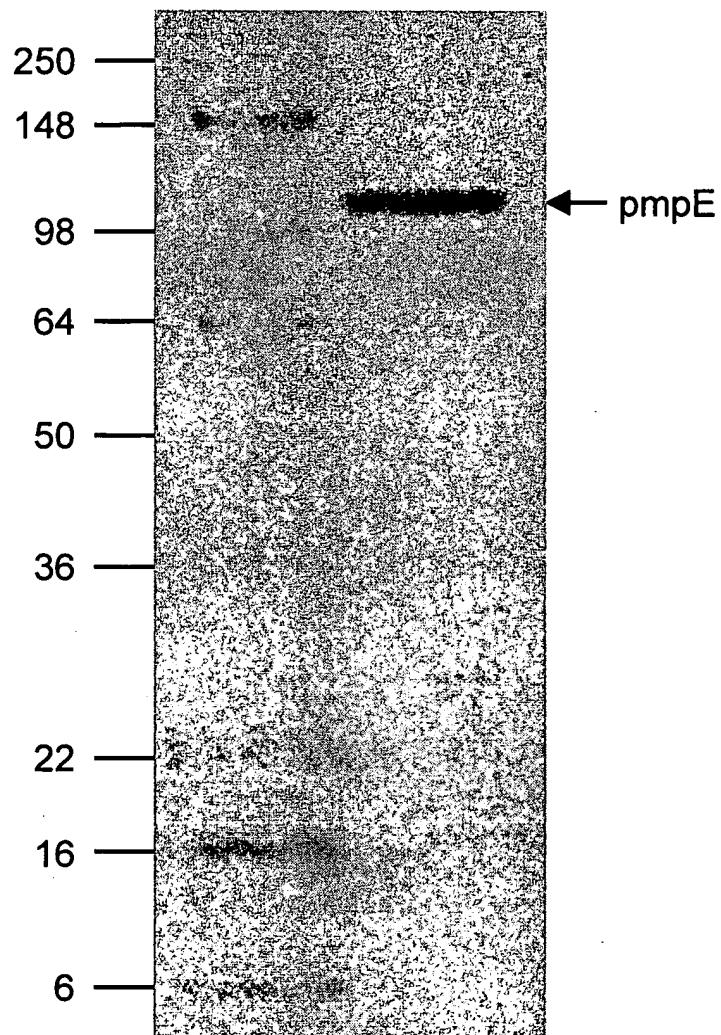


FIG.3

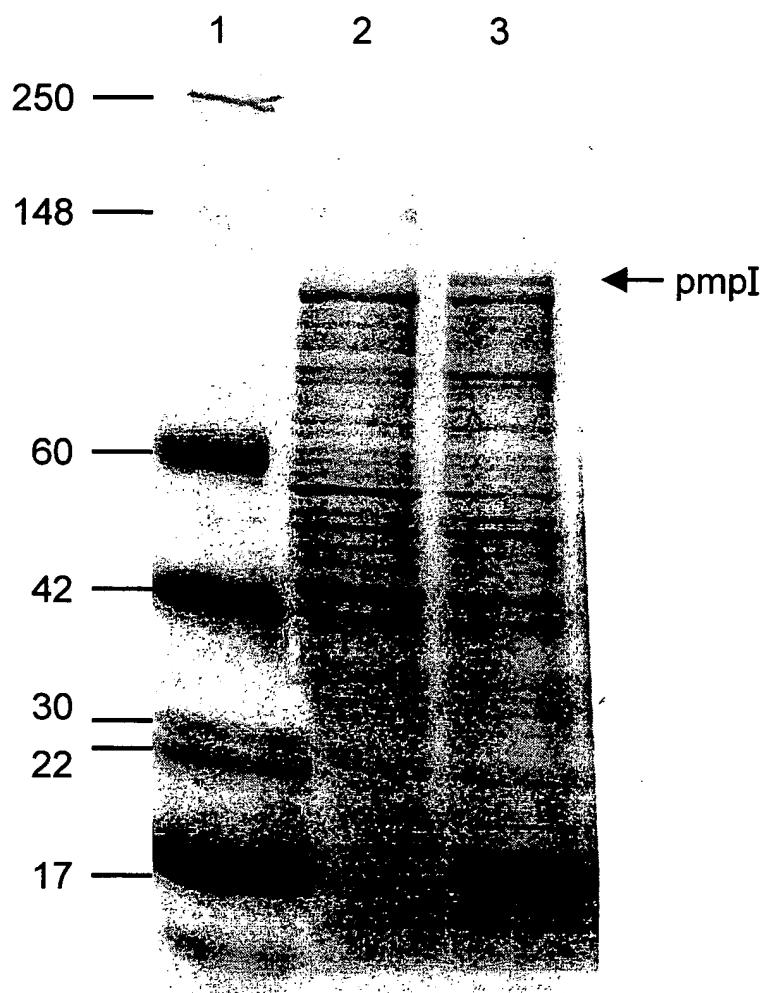


FIG.4

atg aaa aaa gcg ttt ttc ttc ctt att gga aac tcc cta tca gga 48  
Met Lys Lys Ala Phe Phe Phe Leu Ile Gly Asn Ser Leu Ser Gly  
1 5 10 15

cta gct aga gag gtt cct tct aga atc ttt ctt atg ccc aac tca gtt 96  
Leu Ala Arg Glu Val Pro Ser Arg Ile Phe Leu Met Pro Asn Ser Val  
20 25 30

cca gat cct acg aaa gag tcg cta tca aat aaa att agt ttg aca gga 144  
Pro Asp Pro Thr Lys Glu Ser Leu Ser Asn Lys Ile Ser Leu Thr Gly  
35 40 45

gac act cac aat ctc act aac tgc tat ctc gat aac cta cgc tac ata 192  
Asp Thr His Asn Leu Thr Asn Cys Tyr Leu Asp Asn Leu Arg Tyr Ile  
50 55 60

ctg gct att cta caa aaa act ccc aat gaa gga gct gct gtc aca ata 240  
Leu Ala Ile Leu Gln Lys Thr Pro Asn Glu Gly Ala Ala Val Thr Ile  
65 70 75 80

aca gat tac cta agc ttt ttt gat aca caa aaa gaa ggt att tat ttt 288  
Thr Asp Tyr Leu Ser Phe Phe Asp Thr Gln Lys Glu Gly Ile Tyr Phe  
85 90 95

gca aaa aat ctc acc cct gaa agt ggt ggt gcg att ggt tat gct agt 336  
Ala Lys Asn Leu Thr Pro Glu Ser Gly Gly Ala Ile Gly Tyr Ala Ser  
100 105 110

ccc aat tct cct acc gtg gag att cgt gat aca ata ggt cct gta atc 384  
Pro Asn Ser Pro Thr Val Glu Ile Arg Asp Thr Ile Gly Pro Val Ile  
115 120 125

ttt gaa aat aat act tgt tgc aga cca ttt aca tcg agt aat cct aat 432  
Phe Glu Asn Asn Thr Cys Cys Arg Pro Phe Thr Ser Ser Asn Pro Asn  
130 135 140

gca get gtt aat aaa ata aga gaa ggc gga gcc att cat gct caa aat 480  
Ala Ala Val Asn Lys Ile Arg Glu Gly Gly Ala Ile His Ala Gln Asn  
145 150 155 160

ctt tac ata aat cat aat cat gat gtg gtc gga ttt atg aag aac ttt 528  
Leu Tyr Ile Asn His Asn His Asp Val Val Gly Phe Met Lys Asn Phe  
165 170 175

tct tat gtc cga gga gga gcc att agt acc gct aat acc ttt gtt gtg 576  
Ser Tyr Val Arg Gly Gly Ala Ile Ser Thr Ala Asn Thr Phe Val Val  
180 185 190

agc gag aat cag tct tgt ttt ctc ttt atg gac aac atc tgt att caa 624  
Ser Glu Asn Gln Ser Cys Phe Leu Phe Met Asp Asn Ile Cys Ile Gln  
195 200 205

act aat aca gca gga aaa ggt ggc gct atc tat gct gga acg agc aat 672  
Thr Asn Thr Ala Gly Lys Gly Ala Ile Tyr Ala Gly Thr Ser Asn  
210 215 220

tct ttt gag agt aat aac tgc gat ctc ttc ttt atc aat aac gcc tgt 720  
Ser Phe Glu Ser Asn Asn Cys Asp Leu Phe Phe Ile Asn Asn Ala Cys  
225 230 235 240

tgt gca gga gga gcg atc ttc tcc cct atc tgt tct cta aca gga aat 768  
Cys Ala Gly Gly Ala Ile Phe Ser Pro Ile Cys Ser Leu Thr Gly Asn  
245 250 255

cgt ggt aac atc gtt ttc tat aac aat cgc tgc ttt aaa aat gta gaa 816  
Arg Gly Asn Ile Val Phe Tyr Asn Asn Arg Cys Phe Lys Asn Val Glu  
260 265 270

aca gct tct tca gaa gct tct gat gga gga gca att aaa gta act act 864  
Thr Ala Ser Ser Glu Ala Ser Asp Gly Gly Ala Ile Lys Val Thr Thr  
275 280 285

cgc cta gat gtt aca ggc aat cgt ggt agg atc ttt ttt agt gac aat 912  
Arg Leu Asp Val Thr Gly Asn Arg Gly Arg Ile Phe Phe Ser Asp Asn  
290 295 300

atc aca aaa aat tat ggc gga gct att tac gct cct gta gtt acc cta 960  
Ile Thr Lys Asn Tyr Gly Gly Ala Ile Tyr Ala Pro Val Val Thr Leu  
305 310 315 320

gtg gat aat ggc cct acc tac ttt ata aac aat atc gcc aat aat aag 1008  
Val Asp Asn Gly Pro Thr Tyr Phe Ile Asn Asn Ile Ala Asn Asn Lys  
325 330 335

ggg ggc gct atc tat ata gac gga acc agc aac tcc aaa att tct gcc 1056  
Gly Gly Ala Ile Tyr Ile Asp Gly Thr Ser Asn Ser Lys Ile Ser Ala  
340 345 350

gac cgc cat gct att att ttt aat gaa aat att gtg act aat gta act 1104  
Asp Arg His Ala Ile Ile Phe Asn Glu Asn Ile Val Thr Asn Val Thr  
355 360 365

aat gca aat ggt acc agt acg tca gct aat cct cct aga aga aat gca 1152  
Asn Ala Asn Gly Thr Ser Thr Ser Ala Asn Pro Pro Arg Arg Asn Ala  
370 375 380

FIG.5B

ata aca gta gca agc tcc tct ggt gaa att cta tta gga gca ggg agt 1200  
Ile Thr Val Ala Ser Ser Ser Gly Glu Ile Leu Leu Gly Ala Gly Ser  
385 390 395 400

agc caa aat tta att ttt tat gat cct att gaa gtt agc aat gca ggg 1248  
Ser Gln Asn Leu Ile Phe Tyr Asp Pro Ile Glu Val Ser Asn Ala Gly  
405 410 415

gtc tct gtg tcc ttc aat aag gaa gct gat caa aca ggc tct gta gta 1296  
Val Ser Val Ser Phe Asn Lys Glu Ala Asp Gln Thr Gly Ser Val Val  
420 425 430

ttt tca gga gct act gtt aat tct gca gat ttt cat caa cgc aat tta 1344  
Phe Ser Gly Ala Thr Val Asn Ser Ala Asp Phe His Gln Arg Asn Leu  
435 440 445

caa aca aaa aca cct gca ccc ctt act ctc agt aat ggt ttt cta tgt 1392  
Gln Thr Lys Thr Pro Ala Pro Leu Thr Leu Ser Asn Gly Phe Leu Cys  
450 455 460

atc gaa gat cat gct cag ctt aca gtg aat cga ttc aca caa act ggg 1440  
Ile Glu Asp His Ala Gln Leu Thr Val Asn Arg Phe Thr Gln Thr Gly  
465 470 475 480

ggt gtt gtt tct ctt ggg aat gga gca gtt ctg agt tgc tat aaa aat 1488  
Gly Val Val Ser Leu Gly Asn Gly Ala Val Leu Ser Cys Tyr Lys Asn  
485 490 495

ggt gca gga aat tct gct agc aat gcc tct ata aca ctg aag cat att 1536  
Gly Ala Gly Asn Ser Ala Ser Asn Ala Ser Ile Thr Leu Lys His Ile  
500 505 510

gga ttg aat ctt tct tcc att ctg aaa agt ggt gct gag att cct tta 1584  
Gly Leu Asn Leu Ser Ser Ile Leu Lys Ser Gly Ala Glu Ile Pro Leu  
515 520 525

ttg tgg gta gag cct aca aat aac agc aat aac tat aca gca gat act 1632  
Leu Trp Val Glu Pro Thr Asn Asn Ser Asn Asn Tyr Thr Ala Asp Thr  
530 535 540

gca gct acc ttt tca tta agt gat gta aaa ctc tca ctc att gat gac 1680  
Ala Ala Thr Phe Ser Leu Ser Asp Val Lys Leu Ser Leu Ile Asp Asp  
545 550 555 560

tat ggg aat tct cct tat gaa tcc aca gat cta acc cat gct ctg tca 1728  
Tyr Gly Asn Ser Pro Tyr Glu Ser Thr Asp Leu Thr His Ala Leu Ser  
565 570 575

FIG.5C

tca cag cct atg cta tct att tct gag gct agt gat aac cag cta aga 1776  
Ser Gln Pro Met Leu Ser Ile Ser Glu Ala Ser Asp Asn Gln Leu Arg  
580 585 590

tct gat gat atg gat ttt tcg gga cta aat gtc cct cat tat gga tgg 1824  
Ser Asp Asp Met Asp Phe Ser Gly Leu Asn Val Pro His Tyr Gly Trp  
595 600 605

caa gga ctt tgg act tgg ggc tgg gca aaa act caa gat cca gaa cca 1872  
Gln Gly Leu Trp Thr Trp Gly Trp Ala Lys Thr Gln Asp Pro Glu Pro  
610 615 620

gca tct tca gca aca atc aca gat cca caa aaa gcc aat aga ttc cat 1920  
Ala Ser Ser Ala Thr Ile Thr Asp Pro Gln Lys Ala Asn Arg Phe His  
625 630 635 640

aga acc tta tta ctg act tgg ctt cct gct ggg tat gtt cct agc ccg 1968  
Arg Thr Leu Leu Leu Thr Trp Leu Pro Ala Gly Tyr Val Pro Ser Pro  
645 650 655

aaa cac aga agt ccc ctc ata gcg aat acc tta tgg ggg aat atg ctg 2016  
Lys His Arg Ser Pro Leu Ile Ala Asn Thr Leu Trp Gly Asn Met Leu  
660 665 670

ctt gca aca gaa agc tta aaa aat agt gca gaa ctg aca cct agt gat 2064  
Leu Ala Thr Glu Ser Leu Lys Asn Ser Ala Glu Leu Thr Pro Ser Asp  
675 680 685

cat cct ttc tgg gga att aca gga gga gga cta ggc atg atg gtt tac 2112  
His Pro Phe Trp Gly Ile Thr Gly Gly Leu Gly Met Met Val Tyr  
690 695 700

caa gat cct cga gaa aat cat cct gga ttc cat atg cgc tct tcc gga 2160  
Gln Asp Pro Arg Glu Asn His Pro Gly Phe His Met Arg Ser Ser Gly  
705 710 715 720

tac tct gcg ggg atg ata gca ggg cag aca cac acc ttc tca ttg aaa 2208  
Tyr Ser Ala Gly Met Ile Ala Gly Gln Thr His Thr Phe Ser Leu Lys  
725 730 735

ttc agt cag acc tac acc aaa ctc aat gag cgt tac gca aaa aac aac 2256  
Phe Ser Gln Thr Tyr Thr Lys Leu Asn Glu Arg Tyr Ala Lys Asn Asn  
740 745 750

gta tct tct aaa aat tac tca tgc caa gga gaa atg ctc ttc tca ttg 2304  
Val Ser Ser Lys Asn Tyr Ser Cys Gln Gly Glu Met Leu Phe Ser Leu  
755 760 765

caa gaa ggt ttc ttg ctg act aaa tta gtt ggg ctt tac agc tat gga 2352  
Gln Glu Gly Phe Leu Leu Thr Lys Leu Val Gly Leu Tyr Ser Tyr Gly  
770 775 780

gac cat aac tgt cac cat ttc tat acc caa gga gaa aat cta aca tct 2400  
Asp His Asn Cys His His Phe Tyr Thr Gln Gly Glu Asn Leu Thr Ser  
785 790 795 800

caa ggg acg ttc cgt agt caa acg atg gga ggt gct gtt ttt ttt gat 2448  
Gln Gly Thr Phe Arg Ser Gln Thr Met Gly Gly Ala Val Phe Phe Asp  
805 810 815

ctc cct atg aaa ccc ttt gga tca acg cat ata ctg aca gct ccc ttt 2496  
Leu Pro Met Lys Pro Phe Gly Ser Thr His Ile Leu Thr Ala Pro Phe  
820 825 830

tta ggt gct ctt ggt att tat tct agc ctg tct cac ttt act gag gtg 2544  
Leu Gly Ala Leu Gly Ile Tyr Ser Ser Leu Ser His Phe Thr Glu Val  
835 840 845

gga gcc tat ccg cga agc ttt tct aca aag act cct ttg atc aat gtc 2592  
Gly Ala Tyr Pro Arg Ser Phe Ser Thr Lys Thr Pro Leu Ile Asn Val  
850 855 860

cta gtc cct att gga gtt aaa ggt agc ttt atg aat gct acc caa aga 2640  
Leu Val Pro Ile Gly Val Lys Gly Ser Phe Met Asn Ala Thr Gln Arg  
865 870 875 880

cct caa gcc tgg act gta gaa ttg gca tac caa ccc gtt ctg tat aga 2688  
Pro Gln Ala Trp Thr Val Glu Leu Ala Tyr Gln Pro Val Leu Tyr Arg  
885 890 895

caa gaa cca ggg atc gcg acc cag ctc cta gcc agt aag ggt att tgg 2736  
Gln Glu Pro Gly Ile Ala Thr Gln Leu Leu Ala Ser Lys Gly Ile Trp  
900 905 910

ttt ggt agt gga agc ccc tca tcg cgt cat gcc atg tcc tat aaa atc 2784  
Phe Gly Ser Gly Ser Pro Ser Ser Arg His Ala Met Ser Tyr Lys Ile  
915 920 925

tca cag caa aca caa cct ttg agt tgg tta act ctc cat ttc cag tat 2832  
Ser Gln Gln Thr Gln Pro Leu Ser Trp Leu Thr Leu His Phe Gln Tyr  
930 935 940

cat gga ttc tac tcc tct tca acc ttc tgt aat tat ctc aat ggg gaa 2880  
His Gly Phe Tyr Ser Ser Ser Thr Phe Cys Asn Tyr Leu Arg Gly Glu  
945 950 955 960

att gct ctg cga ttc tag 2898  
Ile Ala Leu Arg Phe  
965

atg cga cct gat cat atg aac ttc tgt tgt cta tgt get gct att ttg 48  
Met Arg Pro Asp His Met Asn Phe Cys Cys Leu Cys Ala Ala Ile Leu  
1 5 10 15

tca tcc aca gcg gtc ctc ttt ggc cag gat ccc tta ggt gaa acc gcc 96  
Ser Ser Thr Ala Val Leu Phe Gly Gln Asp Pro Leu Gly Glu Thr Ala  
20 25 30

ctc ctc act aaa aat cct aat cat gtc gtc tgt aca ttt ttt gag gac 144  
Leu Leu Thr Lys Asn Pro Asn His Val Val Cys Thr Phe Phe Glu Asp  
35 40 45

tgt acc atg gag agc ctc ttt cct gct ctt tgt gct cat gca tca caa 192  
Cys Thr Met Glu Ser Leu Phe Pro Ala Leu Cys Ala His Ala Ser Gln  
50 55 60

gac gat cct ttg tat gta ctt gga aat tcc tac tgt tgg ttc gta tct 240  
Asp Asp Pro Leu Tyr Val Leu Gly Asn Ser Tyr Cys Trp Phe Val Ser  
65 70 75 80

aaa ctc cat atc acg gac ccc aaa gag gct ctt ttt aaa gaa aaa gga 288  
Lys Leu His Ile Thr Asp Pro Lys Glu Ala Leu Phe Lys Glu Lys Gly  
85 90 95

gat ctt tcc att caa aac ttt cgc ttc ctt tcc ttc aca gat tgc tct 336  
Asp Leu Ser Ile Gln Asn Phe Arg Phe Leu Ser Phe Thr Asp Cys Ser  
100 105 110

tcc aag gaa agc tct cct tct att att cat caa aag aat ggt cag tta 384  
Ser Lys Glu Ser Ser Pro Ser Ile Ile His Gln Lys Asn Gly Gln Leu  
115 120 125

tcc ttg cgc aat aat ggt agc atg agt ttc tgt cga aat cat gct gaa 432  
Ser Leu Arg Asn Asn Gly Ser Met Ser Phe Cys Arg Asn His Ala Glu  
130 135 140

ggc tct gga gga gcc atc tct gcg gat gcc ttt tct cta cag cac aac 480  
Gly Ser Gly Gly Ala Ile Ser Ala Asp Ala Phe Ser Leu Gln His Asn  
145 150 155 160

tat ctt ttc aca gct ttt gaa gag aat tct tct aaa gga aat ggc gga 528  
Tyr Leu Phe Thr Ala Phe Glu Glu Asn Ser Ser Lys Gly Asn Gly Gly  
165 170 175

gcc att cag gct caa acc ttc tct tta tct aga aat gtg tcg cct att 576  
Ala Ile Gln Ala Gln Thr Phe Ser Leu Ser Arg Asn Val Ser Pro Ile  
180 185 190

FIG.6A

tct ttc gcc cgt aat cgt gcg gat tta aat ggc ggc gct att tgc tgt 624  
Ser Phe Ala Arg Asn Arg Ala Asp Leu Asn Gly Gly Ala Ile Cys Cys  
195 200 205

agt aat ctt att tgt tca ggg aat gta aac cct ctc ttt ttc act gga 672  
Ser Asn Leu Ile Cys Ser Gly Asn Val Asn Pro Leu Phe Phe Thr Gly  
210 215 220

aac tcc gcc acg aat gga ggc gct att tgt tgt atc agc gat cta aac 720  
Asn Ser Ala Thr Asn Gly Gly Ala Ile Cys Cys Ile Ser Asp Leu Asn  
225 230 235 240

acc tca gaa aaa ggc tct ctc tct gct tgt aac caa gaa acg cta 768  
Thr Ser Glu Lys Gly Ser Leu Ser Leu Ala Cys Asn Gln Glu Thr Leu  
245 250 255

ttt gca agc aat tct gct aaa gaa aaa ggc ggg gct att tat gcc aag 816  
Phe Ala Ser Asn Ser Ala Lys Glu Lys Gly Gly Ala Ile Tyr Ala Lys  
260 265 270

cac atg gta ttg cgt tat aac ggt cct gtt tcc ttc att aac aac agc 864  
His Met Val Leu Arg Tyr Asn Gly Pro Val Ser Phe Ile Asn Asn Ser  
275 280 285

gct aaa ata ggt gga gct atc gcc atc cag tcc gga ggg agt ctc tct 912  
Ala Lys Ile Gly Gly Ala Ile Ala Ile Gln Ser Gly Gly Ser Leu Ser  
290 295 300

atc ctt gca ggt gaa gga tct gtt ctg ttc cag aat aac tcc caa cgc 960  
Ile Leu Ala Gly Glu Gly Ser Val Leu Phe Gln Asn Asn Ser Gln Arg  
305 310 315 320

acc tcc gac caa ggt cta gta aga aac gcc atc cac tta gag aaa gat 1008  
Thr Ser Asp Gln Gly Leu Val Arg Asn Ala Ile Tyr Leu Glu Lys Asp  
325 330 335

gcg att ctt tct tcc tta gaa gct cgc aac gga gat att ctt ttc ttt 1056  
Ala Ile Leu Ser Ser Leu Glu Ala Arg Asn Gly Asp Ile Leu Phe Phe  
340 345 350

gat cct att gta caa gaa agt agc agc aaa gaa tcg cct ctt ccc tcc 1104  
Asp Pro Ile Val Gln Glu Ser Ser Ser Lys Glu Ser Pro Leu Pro Ser  
355 360 365

tct ttg caa gcc agc gtg act tct ccc acc cca gcc acc gca tct cct 1152  
Ser Leu Gln Ala Ser Val Thr Ser Pro Thr Pro Ala Thr Ala Ser Pro  
370 375 380

FIG.6B

tta gtt att cag aca agt gca aac cgt tca gtg att ttc tcg agc gaa 1200  
Leu Val Ile Gln Thr Ser Ala Asn Arg Ser Val Ile Phe Ser Ser Glu  
385 390 395 400

cgt ctt tct gaa gaa aaa act cct gat aac ctc act tcc caa cta 1248  
Arg Leu Ser Glu Glu Lys Thr Pro Asp Asn Leu Thr Ser Gln Leu  
405 410 415

cag cag cct atc gaa ctg aaa tcc gga cgc tta gtt tta aaa gat cgc 1296  
Gln Gln Pro Ile Glu Leu Lys Ser Gly Arg Leu Val Leu Lys Asp Arg  
420 425 430

gct gtc ctt tcc gcg cct tct ctc tct cag gat cct caa gct ctc ctc 1344  
Ala Val Leu Ser Ala Pro Ser Leu Ser Gln Asp Pro Gln Ala Leu Leu  
435 440 445

att atg gaa gcg gga act tct tta aaa act tcc tct gat ttg aag tta 1392  
Ile Met Glu Ala Gly Thr Ser Leu Lys Thr Ser Ser Asp Leu Lys Leu  
450 455 460

gct acg cta agt att ccc ctt cat tcc tta gat act gaa aaa agc gta 1440  
Ala Thr Leu Ser Ile Pro Leu His Ser Leu Asp Thr Glu Lys Ser Val  
465 470 475 480

act atc cac gcc cct aac ctt tct atc caa aag atc ttc ctc tct aat 1488  
Thr Ile His Ala Pro Asn Leu Ser Ile Gln Lys Ile Phe Leu Ser Asn  
485 490 495

tct gga gat gag aat ttt tat gaa aat gta gag ctt ctc agt aaa gag 1536  
Ser Gly Asp Glu Asn Phe Tyr Glu Asn Val Glu Leu Leu Ser Lys Glu  
500 505 510

caa aac aat att cct ctc ctt act ctc tct aaa gag caa tct cat tta 1584  
Gln Asn Asn Ile Pro Leu Leu Thr Leu Ser Lys Glu Gln Ser His Leu  
515 520 525

cat ctt cct gat ggg aac ctc tct tct cac ttt gga tat caa gga gat 1632  
His Leu Pro Asp Gly Asn Leu Ser Ser His Phe Gly Tyr Gln Gly Asp  
530 535 540

tgg act ttt tct tgg aaa gat tct gat gaa ggg cat tct ctg att gct 1680  
Trp Thr Phe Ser Trp Lys Asp Ser Asp Glu Gly His Ser Leu Ile Ala  
545 550 555 560

aat tgg acg cct aaa aac tat gtg cct cat cca gaa cgt caa tct aca 1728  
Asn Trp Thr Pro Lys Asn Tyr Val Pro His Pro Glu Arg Gln Ser Thr  
565 570 575

FIG.6C

ctc gtt gcg aac act ctt tgg aac acc tat tcc gat atg caa gct gtg 1776  
Leu Val Ala Asn Thr Leu Trp Asn Thr Tyr Ser Asp Met Gln Ala Val  
580 585 590

cag tcg atg att aat aca ata gcg cac gga gga gcc tat cta ttt gga 1824  
Gln Ser Met Ile Asn Thr Ile Ala His Gly Gly Ala Tyr Leu Phe Gly  
595 600 605

acg tgg gga tct gct gtt tct aat tta ttc tat gct cac gac agc tct 1872  
Thr Trp Gly Ser Ala Val Ser Asn Leu Phe Tyr Ala His Asp Ser Ser  
610 615 620

ggg aaa cct atc gat aat tgg cat cat aga agc ctt ggc tac cta ttc 1920  
Gly Lys Pro Ile Asp Asn Trp His His Arg Ser Leu Gly Tyr Leu Phe  
625 630 635 640

ggc atc agt act cac agt tta gat gac cat tct ttc tgc ttg gct gca 1968  
Gly Ile Ser Thr His Ser Leu Asp Asp His Ser Phe Cys Leu Ala Ala  
645 650 655

gga caa tta ctc ggg aaa tcg tcc gat tcc ttt att acg tct aca gaa 2016  
Gly Gln Leu Leu Gly Lys Ser Ser Asp Ser Phe Ile Thr Ser Thr Glu  
660 665 670

acg acc tcc tat ata gct act gta caa gcg caa ctc gct acc tct cta 2064  
Thr Thr Ser Tyr Ile Ala Thr Val Gln Ala Gln Leu Ala Thr Ser Leu  
675 680 685

atg aaa atc tct gca cag gca tgc tac aat gaa agt atc cat gag cta 2112  
Met Lys Ile Ser Ala Gln Ala Cys Tyr Asn Glu Ser Ile His Glu Leu  
690 695 700

aaa aca aaa tat cgc tcc ttc tct aaa gaa gga ttc gga tcc tgg cat 2160  
Lys Thr Lys Tyr Arg Ser Phe Ser Lys Glu Gly Phe Gly Ser Trp His  
705 710 715 720

agc gtt gca gta tcc gga gaa gtg tgc gca tcg att cct att gta tcc 2208  
Ser Val Ala Val Ser Gly Glu Val Cys Ala Ser Ile Pro Ile Val Ser  
725 730 735

aat ggt tcc gga ctg ttc agc tcc ttc att ttc tct aaa ctg caa 2256  
Asn Gly Ser Gly Leu Phe Ser Ser Phe Ser Ile Phe Ser Lys Leu Gln  
740 745 750

gga ttt tca gga aca cag gac ggt ttt gag gag agt tcg gga gag att 2304  
Gly Phe Ser Gly Thr Gln Asp Gly Phe Glu Glu Ser Ser Gly Glu Ile  
755 760 765

FIG. 6D

cgg tcc ttt tct gcc agc tct ttc aga aat att tca ctt cct ata gga 2352  
Arg Ser Phe Ser Ala Ser Ser Phe Arg Asn Ile Ser Leu Pro Ile Gly  
770 775 780

ata aca ttt gaa aaa aaa tcc caa aaa aca cga acc tac tat tac ttt 2400  
Ile Thr Phe Glu Lys Lys Ser Gln Lys Thr Arg Thr Tyr Tyr Tyr Phe  
785 790 795 800

cta gga gcc tac atc caa gac ctg aaa cgt gat gtg gaa tcg gga cct 2448  
Leu Gly Ala Tyr Ile Gln Asp Leu Lys Arg Asp Val Glu Ser Gly Pro  
805 810 815

gta gtg tta ctc aaa aat gcc gtc tcc tgg gat gct cct atg gcg aac 2496  
Val Val Leu Leu Lys Asn Ala Val Ser Trp Asp Ala Pro Met Ala Asn  
820 825 830

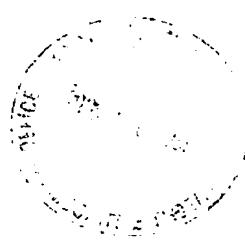
ttg gat tca cga gcc tac atg ttc agg ctt acg aat caa aga gct cta 2544  
Leu Asp Ser Arg Ala Tyr Met Phe Arg Leu Thr Asn Gln Arg Ala Leu  
835 840 845

cac aga ctt cag acg ctg tta aat gtg tct tgt gtg ctg cgt ggg caa 2592  
His Arg Leu Gln Thr Leu Leu Asn Val Ser Cys Val Leu Arg Gly Gln  
850 855 860

agc cat agt tac tcc ctg gat ctg ggg acc act tac agg ttc 2634  
Ser His Ser Tyr Ser Leu Asp Leu Gly Thr Thr Tyr Arg Phe  
865 870 875

tag 2637

**FIG.6E**



### Spleen T-Cell Proliferation

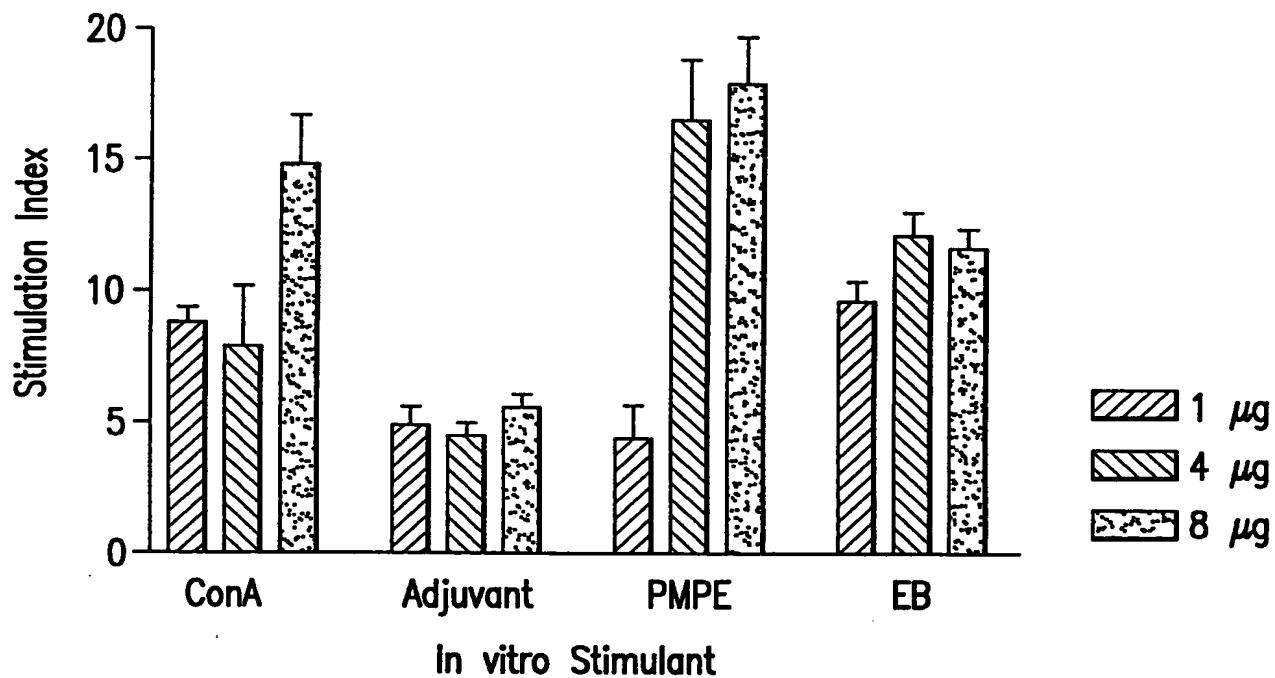


FIG.7